

REMARKS

Prior to examination of this application, Applicant amends the specification of this application to insert the required SEQ ID NO identifiers associated with each listing. The specification has also been amended to correct a typographical error in SEQ ID NO: 2. Support for the amendment to SEQ ID NO: 2 may be found in Figure 1; at page 10, line 4; and at page 14, lines 22 to 29 which references GenBank Accession No. AJ009849.

Claims 1, 6, 8-10, 13, 15, 20, and 22 are currently pending. Claims 1, 6, and 8 have been amended to include sequence identifiers. Claims 1 and 8 have been amended to correct a typographical error in the sequence. Support for the amendment to claims 1 and 8 may be found in Figure 1; at page 10, line 4; and at page 14, lines 22 to 29 which references GenBank Accession No. AJ009849.

Applicant also hereby requests entry of the enclosed sequence listing in the specification prior to the abstract.

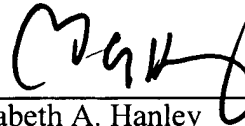
The foregoing amendment is not related to issues of patentability, and introduces no new matter. In addition, Applicant reserves the option to further prosecute the same or similar claims in the instant or in a subsequent application. Entry of the foregoing Second Preliminary Amendment is respectfully in order and requested.

SUMMARY

It is respectfully submitted that this application is in condition for allowance. If there are any remaining issues or if the Examiner believes that a telephone conversation with Applicants' Attorney would be helpful in expediting prosecution of this application, the Examiner is invited to call the undersigned at (617) 227-7400.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Elizabeth A. Hanley
Registration No. 33,505
Attorney for Applicants

28 State Street
Boston, MA 02109
(617) 227-7400

Date: **December 23, 2004**